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TECH CENTER 1600/2900

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SEQUENCE LISTING

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Celis, Esteban
Southwood, Scott

<120> HLA BINDING PEPTIDES AND THEIR USES

<130> 2060.005000B

<140> 09/017,534

<141> 1998-02-03

<150> 08/347,610

<151> 1994-12-01

<150> 08/159,339

<151> 1993-11-29

<150> 08/103,396

<151> 1993-08-06

<150> 08/027,746

<151> 1993-03-05

<150> 08/926,666

<151> 1992-08-07

<150> 08/589,107

<151> 1996-01-23

<160> 104

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<400> 78
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr
1 5 10

<210> 79
<211> 11
<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa represents any amino acid

<220>

<221> VARIANT

<222> (5)...(5)

<223> Xaa = Glu or Asp

<400> 79

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr
1 5 10

<210> 80

<211> 9

<212> PRT

<213> Homo sapiens

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<222> (1)...(1), (3)...(8)

<223> Xaa represents any amino acid

<220>

<221> VARIANT

<222> (2)...(2)

<223> Xaa = Thr, Val, Met, Leu, Ile, Ser, Ala, Gly, Asn,
Cys, Asp or Phe

<221> VARIANT

<222> (9)...(9)

<223> Xaa = Lys, Arg, Tyr or His

<400> 80

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5

<210> 81

<211> 10

<212> PRT

<213> Homo sapiens

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<220>

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<222> (2)...(2)

<223> Xaa = Thr, Val, Met, Leu, Ile, Ser, Ala, Gly, Asn,
Cys, Asp or Phe

<221> VARIANT

<222> (10)...(10)

<223> Xaa = Lys, Arg, Tyr or His

<400> 81

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

1	5	10
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<223> Xaa = Tyr, Phe or Trp		
<221> VARIANT		
<222> (9)...(9)		
<223> Xaa = Phe, Ile, Trp, Met or Leu		
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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa		
1	5	
<210> 83		
<211> 10		
<212> PRT		
<213> Homo sapiens		
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<223> Xaa = Tyr, Phe or Trp		
<221> VARIANT		
<222> (10)...(10)		
<223> Xaa = Phe, Ile, Trp, Met or Leu		
<400> 83		
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa		
1	5	10
<210> 84		
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<223> Xaa = Thr, Met or Ser		

<400> 84
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr
1 5

<210> 85
<211> 9
<212> PRT
<213> Homo sapiens

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<223> Xaa represents any amino acid

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<223> Xaa = Thr, Met or Ser

<400> 85
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr
1 5

<210> 86
<211> 10
<212> PRT
<213> Homo sapiens

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<223> Xaa represents any amino acid

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<222> (2)...(2)
<223> Xaa = Thr, Met or Ser

<400> 86
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr
1 5 10

<210> 87
<211> 11
<212> PRT
<213> Homo sapiens

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<223> Xaa represents any amino acid

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<222> (2)...(2)
<223> Xaa = Thr, Met or Ser

<400> 87
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr
1 5 10

<210> 88

<211> 8
 <212> PRT
 <213> Homo sapiens

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 <223> Xaa represents any amino acid

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 <223> Xaa = Asp, Glu, Ala or Ser

<400> 88
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr
 1 5

<210> 89
 <211> 9
 <212> PRT
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 <400> 89
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr
 1 5

<210> 90
 <211> 10
 <212> PRT
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 1 5 10

<210> 91
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<400> 91
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr
 1 5 10

<210> 92
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 <212> PRT
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 <223> Xaa represents any amino acid

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 <223> Xaa = Leu, Met, Val, Ile, Ser, Ala, Thr, Phe, Cys,
 Gly or Asp

<221> VARIANT
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 <223> Xaa = Lys, Tyr, Arg, His or Phe

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 1 5

<210> 93
 <211> 9
 <212> PRT
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 <223> Xaa represents any amino acid

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 Gly or Asp

<221> VARIANT
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<400> 93
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5

<210> 94

<211> 10
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 Gly or Asp

<221> VARIANT
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 <223> Xaa = Lys, Tyr, Arg, His or Phe

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 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10

<210> 95
 <211> 11
 <212> PRT
 <213> Homo sapiens

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 Gly or Asp

<221> VARIANT
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 <223> Xaa = Lys, Tyr, Arg, His or Phe

<400> 95
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 1 5 10

<210> 96
 <211> 8
 <212> PRT
 <213> Homo sapiens

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 <223> Xaa represents any amino acid

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<221> VARIANT
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<223> Xaa = Lys, Arg or His

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5

<210> 97
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Cys, Phe or Asp

<221> VARIANT
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1 5

<210> 98
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<223> Xaa represents any amino acid

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Cys, Phe or Asp

<221> VARIANT
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<223> Xaa = Lys, Arg or His

<400> 98
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 99
<211> 11
<212> PRT
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<223> Xaa represents any amino acid

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<223> Xaa =Leu, Met, Ile, Val, Ala, Ser, Thr, Gly, Asn,
Cys, Phe or Asp

<221> VARIANT
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<223> Xaa = Lys, Arg or His

<400> 99
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 100
<211> 8
<212> PRT
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<223> Xaa represents any amino acid

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<222> (2)...(2)
<223> Xaa = Tyr, Phe or Trp

<221> VARIANT
<222> (8)...(8)
<223> Xaa = Phe, Ile, Leu or Trp

<400> 100
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5

<210> 101
<211> 9
<212> PRT
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<223> Xaa represents any amino acid

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<222> (2)...(2)
<223> Xaa = Tyr, Phe or Trp

<221> VARIANT
<222> (9)...(9)
<223> Xaa = Phe, Ile, Leu or Trp

<400> 101
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

1 5

<210> 102
<211> 10
<212> PRT
<213> Homo sapiens

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<222> (1)...(1), (3)...(9)
<223> Xaa represents any amino acid

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<221> VARIANT
<222> (2)...(2)
<223> Xaa = Tyr, Phe or Trp

<221> VARIANT
<222> (10)...(10)
<223> Xaa = Phe, Ile, Leu or Trp

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 103
<211> 11
<212> PRT
<213> Homo sapiens

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<222> (1)...(1), (3)...(10)
<223> Xaa represents any amino acid

<220>
<221> VARIANT
<222> (2)...(2)
<223> Xaa = Tyr, Phe or Trp

<221> VARIANT
<222> (11)...(11)
<223> Xaa = Phe, Ile, Leu or Trp

<400> 103
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 104
<211> 55
<212> PRT
<213> Homo sapiens

<220>
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<222> (1)...(1), (3)...(9), (11)...(55)
<223> Xaa represents any amino acid

<220>
<221> VARIANT
<222> (2)...(2)
<223> Xaa = Leu, Met, Ile, Val, Ser, or Thr

F1

<221> VARIANT

<222> (10)...(10)

<223> Xaa = Lys or Arg

<400> 104

F1
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
20 25 30
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
35 40 45
Xaa Xaa Xaa Xaa Xaa Xaa Xaa
50 55